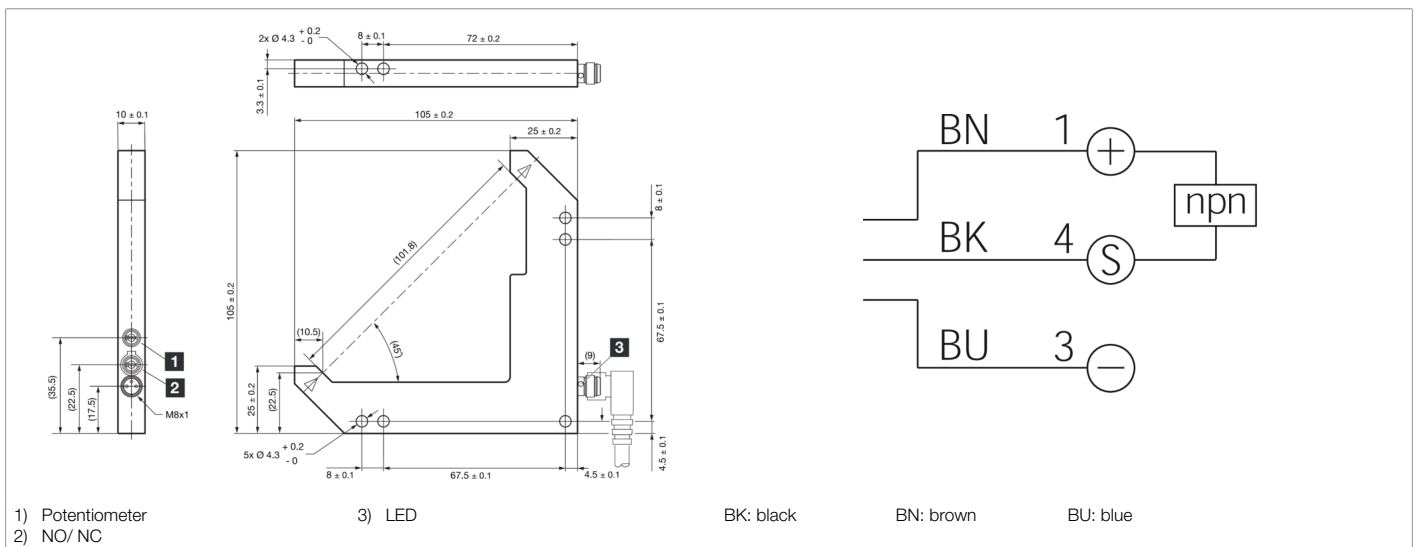
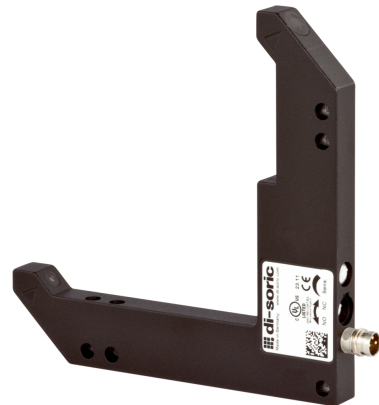




204127
OGL 080 N3K-TSSL
Angled light barrier

- Metal casing
- Universal mounting
- Optical axis approachable in x-, y- and z-direction
- Electronics integrated
- Sensitivity is adjustable
- High switching frequency
- Light/dark switching
- Bright ring LED



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 35 V DC (Supply Class 2)
No-load current (max.)	30 mA
Insulation voltage endurance	500 V
Leg length internal	80/80 mm
Housing dimensions	105 x 105 x 10 mm
Housing length	105 mm
Housing height	105 mm
Housing width	10 mm
Housing material	Die-cast zinc (Black, painted)
Protection class	III, operation on protective low voltage
Approvals	UL
Operating principle	Optical
Evaluation	digital
Design	Angle
Switching output	npn, 200 mA, NO/NC, switchable
Voltage drop (max.)	2.8 V
Light source	LED
Color	Infrared
Wavelength	880 nm
Modulation	Clocked



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Technical data (typ.)	+20°C, 24 V DC
Ambient light immunity	20 kLx
Range	100 mm (optical axis)
Resolution	Ø 0.7 mm
Switching hysteresis (max.)	0.25 mm
Reproducibility	0.06 mm
Sensitivity adjustment	Potentiometer
Switching frequency	4000 Hz
Shock/vibration load	30 g, 10 ... 55 Hz / 0.5 mm
Ambient temperature during operation	-10 ... +60 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK ...
More information / accessories	https://www.di-soric.com/204127